PATENT APPLICATION Docket No.: 2719.2002-001

Apj

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

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Pirrung

Serial No.:

10/033,195

Group Art Unit:

1655

Filed:

December 28, 2001

Examiner:

Not Assigned

For:

Nucleotides and Analogs Having Photoremovable Protecting Groups

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Assistant Commissioner for Patents, Box Sequence, P.O. Box 2327, Arlington, VA 22202

on 6-18-02 Signature

Lisa M. Treannie

Typed or printed name of person signing certificate

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TRANSMITTAL OF SEQUENCE LISTING IN RESPONSE TO NOTICE TO COMPLY WITH 37 C.F.R. §§1.821-1.825

Assistant Commissioner for Patents Box Sequence, P.O. Box 2327 Arlington, VA 22202

Sir:

This sequence listing is submitted in response to the Notice to Comply with Sequence Rules 37 C.F.R. §§1.821-1.825, mailed from the Patent Office on April 18, 2002, a copy of which is attached.

Transmitted herewith is a copy of the "Sequence Listing" (sheets 1/5 through 5/5) in paper form for the above-identified patent application as required by 37 C.F.R. §1.821(c) and a copy of the "Sequence Listing" in computer readable form as required by 37 C.F.R. §1.821(e). As required by 37 C.F.R. §1.821(f), Applicants' Agent hereby states that the content of the "Sequence Listing" in paper form and the computer

readable form of the "Sequence Listing" are the same and, as required by 37 C.F.R. §1.821(g), also states that the submission includes no new matter.

Respectfully submitted, HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

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Concord, MA 01742-9133 Date: **Ame 18,0002**